



**DESIGN PUBLIC MEETING**

**GATEWAY BOULEVARD (KVB)**

Presented by  
**Metropolitan Government of Nashville  
and Davidson County**

**April 13, 2010**



# ***WELCOME***

***Thank you for attending the Gateway Boulevard  
(KVB) Design Public Meeting***





## *Meeting Agenda*

- ✓ **5:00 to 5:15 PM** – Registration and Open House
- ✓ **5:15 to 6:00 PM** - Formal Presentation and Question and Answer Session
- ✓ **6:00 to 7:00 PM** - Open House with Opportunity to Submit Comments



## ***Purpose of this Meeting***

- ✓ **Present preliminary design concepts for Gateway Blvd (KVB)**
  - **Roadway Geometrics**
  - **8<sup>th</sup> Avenue Roundabout**
  - **Street Cross Sections**
  - **Streetscaping Elements**
  - **Sustainability Features**
- ✓ **Solicit public input on design concepts**
- ✓ **Answer questions**



## *Project History*

- ✓ 1998 – Environmental Impact Statement (EIS) and Record of Decision (ROD) approved for Shelby/Demonbreun Corridor between I-24 to I-40/I-65
- ✓ Portions of Corridor since completed:
  - Korean War Veterans Memorial Bridge
  - Korean Veterans Blvd to 4<sup>th</sup> Ave.
  - Demonbreun Viaduct replacement
- ✓ Substantial new developments in SoBro and Gulch



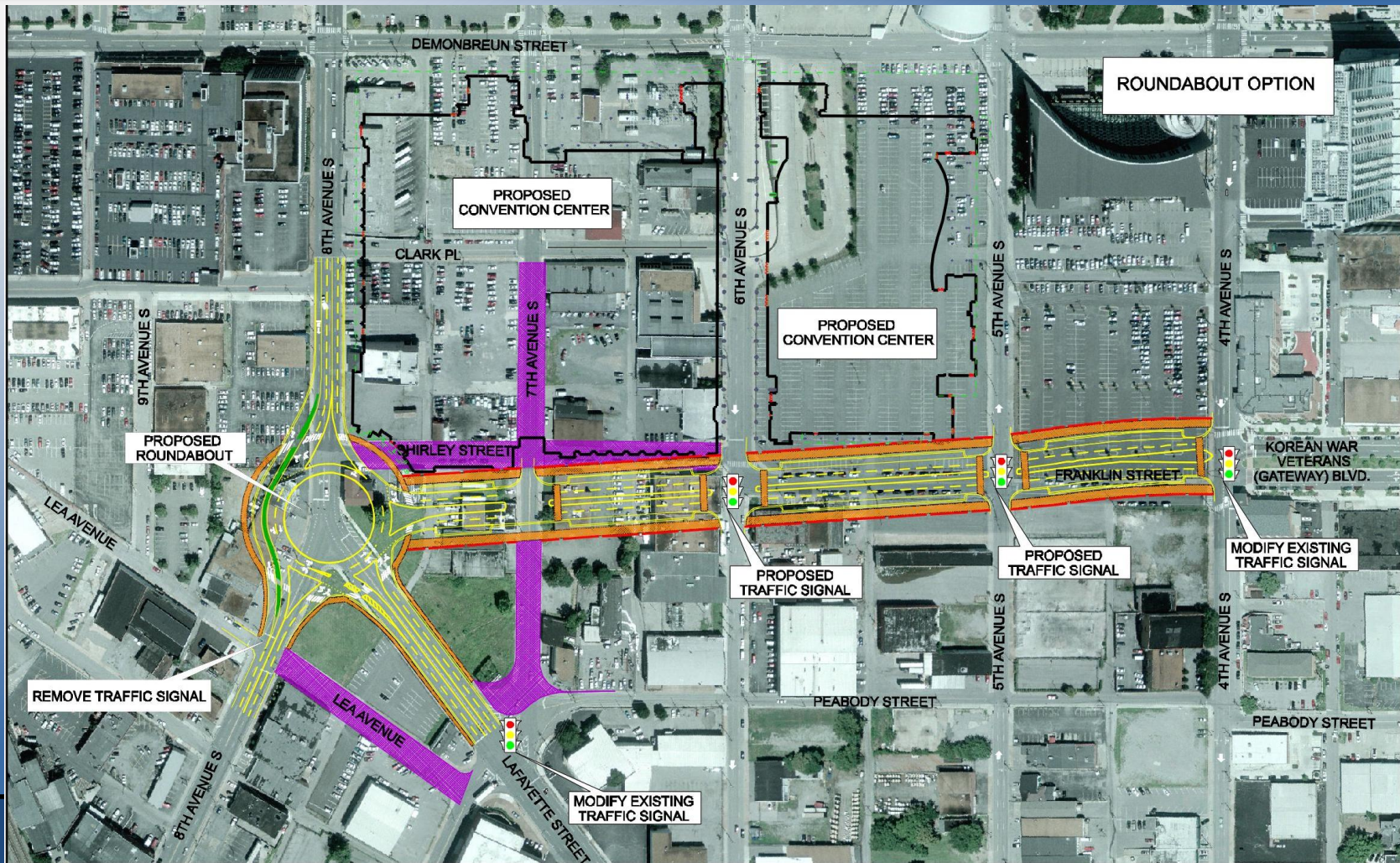
## *Recent Project Activities*

- ✓ Supplemental EIS initiated in 2007 to address changes in project area
- ✓ Key decisions emerging during SEIS:
  - Terminate at 8th Avenue with a roundabout
  - Consider impact of planned convention center
  - Design for pedestrians and bicyclists as well
- ✓ ROD issued February 4, 2010, identified Selected Alternative for design and right-of-way (ROW) acquisition



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## *Selected Alternative*





## ***Current Schedule***

|  |                                    |
|--|------------------------------------|
| <b>Initiate Design &amp; ROW Plans</b> | <b><i>March 29, 2010</i></b>       |
| <b>TDOT Approval of ROW Plans</b>      | <b><i>June 2010</i></b>            |
| <b>Conduct ROW Acquisition</b>         | <b><i>July – December 2010</i></b> |
| <b>Initiate Construction</b>           | <b><i>First Half of 2011</i></b>   |
| <b>Boulevard Opens to Traffic</b>      | <b><i>Fall 2012</i></b>            |

[illegible]



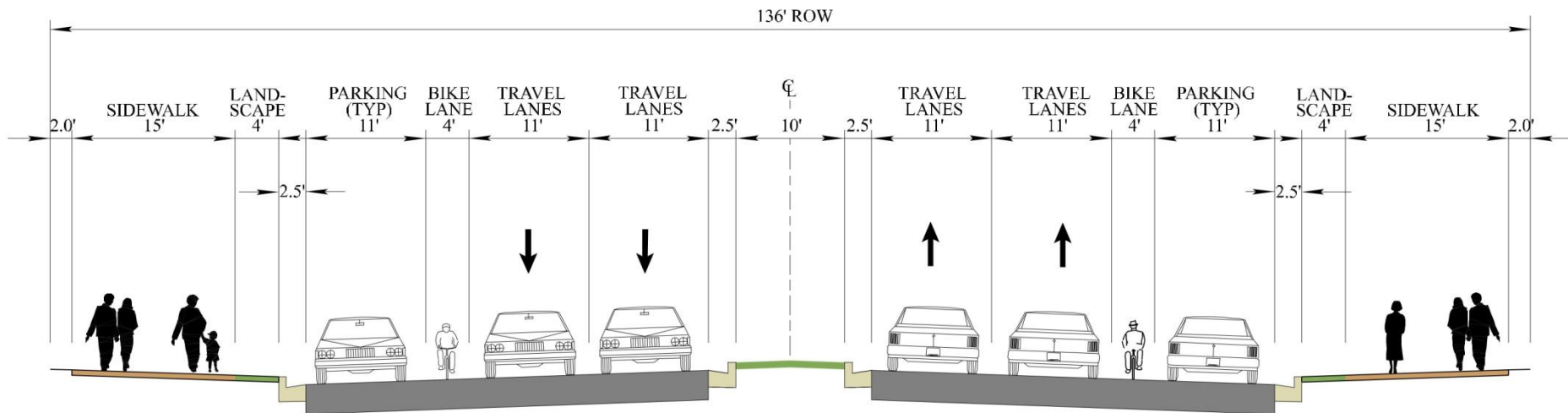
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## *Existing KVB Cross Section*





## *Proposed Boulevard Cross Section*



GATEWAY BLVD. (KVB)



The diagram illustrates a cross-section of Korean Veterans Blvd with a total right-of-way (ROW) of 136'-0". The layout is symmetrical around a central 10'-0" median. From left to right, the components are:

- Left Sidewalk:** 2'-0" wide.
- Left Landscape Zone:** 15'-0" wide, containing a tree and a street light.
- Left Parking (Typ.):** 4'-0" wide.
- Left Bike Lane:** 11'-0" wide.
- Left Travel Lane:** 11'-0" wide, with a downward arrow.
- Median:** 10'-0" wide, with a center line (CL) and a 2'-6" section on each side.
- Right Travel Lane:** 11'-0" wide, with an upward arrow.
- Right Bike Lane:** 11'-0" wide.
- Right Parking (Typ.):** 4'-0" wide.
- Right Landscape Zone:** 15'-0" wide, containing a tree and a street light.
- Right Sidewalk:** 2'-0" wide.

Additional features include a central landscaped median with a tree and a 2'-6" section on either side of the median. The total width of the landscape zones and parking areas on each side is 30'-0".

**CROSS SECTION: KOREAN VETERANS BLVD .**

Scale: 1/4" = 1'-0"



## *Streetscape Features*





## *Green Street Features*

- ✓ **Water management strategy:**
  - Minimize runoff and infiltrate and reuse surface stormwater for irrigation
    - Rain gardens/bioswales
    - Pervious pavements
  - High efficiency irrigation





## *Green Street Features*

### ✓ Building material selection:

- Recycled construction materials
- Concrete composition
- Locally sourced materials





## *Green Street Features*

### ✓ Plant material selection:

- Native or species adapted to region
- Tolerant of urban streetscape conditions
- Provide shading to reduce heat island
- Non-invasive plant species





## *Green Street Features*

### ✓ Street furnishings selection:

- Regionally available
- High recycled steel content
  - tree grates
  - seating, bike racks, trash receptacles





## *Green Street Features*

### ✓ Incorporate energy efficiencies:

- LED Traffic Signals
- Efficient Street Lights
- Solar energy
  - Photovoltaic parking meters
  - Irrigation Controller





## *Case Study- Deaderick Street*





## *Case Study- Deaderick Street*





## ***ROW Acquisition & Relocation***

- ✓ TDOT ROW Section conducting ROW acquisition and relocation procedures
- ✓ TDOT ROW representatives present to answer questions tonight



## ***Make Your Comments Known***

- ✓ Turn in your completed comment form tonight
- ✓ Mail written comments by **May 4, 2010** to:  
Metro Public Works  
750 South 5th Street  
Nashville, TN 37206  
*Attention: Bob Weithofer*
- ✓ Email written comments by **May 4, 2010** to  
[Robert.Weithofer@Nashville.gov](mailto:Robert.Weithofer@Nashville.gov)



## *For More Information*

[www.nashville.gov/pw/Gateway\\_project/](http://www.nashville.gov/pw/Gateway_project/)

Or

Bob Weithofer

Metro Public Works Project Manager

(615) 862-8597

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